

## **PLUMBING INSPECTOR**

**PURPOSE:** Conduct inspections, review permits, and provide technical assistance for commercial, industrial, and residential construction and building projects.

### **FUNCTIONAL AREAS:**

1. Inspect plumbing construction, installation, alteration, and repair in residential, commercial, and industrial buildings and facilities for compliance with building codes and ordinances governing plumbing work.
  - A. Inspect plumbing and venting fixtures, plumbing appliances, and apparatus inside or running to building or structures for compliance with codes and ordinances governing plumbing work.
  - B. Inspect the quality of materials for approved plumbing installation.
  - C. Review diagrams, prepared plans, and specifications to ensure that they meet established codes and regulations.
  - D. Conduct maintenance inspections of existing industrial, commercial, and residential establishments or structures.
  - E. Determine conformance problems, issue notices regarding correction of defective work, and perform re-inspection.
  - F. Issue citations or orders to stop work that is in violation of the proper codes.
  - G. Ensure that all work is performed in a safe manner using approved methods.
  - H. Approve certification of final inspection when required.
  - I. Consult with Building Official and State Department of Public Health Plumbing Unit when necessary.
  - J. Operate City vehicle to, from, and around inspection sites.
2. Do related work as required.
  - A. Maintain computerized records of inspections made and actions taken.
  - B. Write and prepare forms and reports as required.
  - C. Review permit applications and estimate building costs for accurate fee estimates.
  - D. Attend training sessions and review technical and professional literature to upgrade knowledge necessary for effective job performance and to keep abreast of new developments and requirements.
  - E. Serve as a technical expert, conduct presentations, and provide information to other City divisions, contractors, engineers, architects and the public regarding codes, ordinances, and proper methods governing plumbing work.
  - F. Attend and participate in division meetings, and serve as a member of the Building Inspection team on related projects.
  - G. Perform inspections, review permits, and provide technical assistance in other construction areas as needed.
  - H. Perform other related duties as assigned.

## **JOB REQUIREMENTS**

1. Education and Experience:

- ◆ A. Successful completion of a certified plumbing apprentice program plus three (3) years of experience as a master plumber. This experience must include three (3) years in residential plumbing and three (3) years in commercial plumbing; or equivalent training and experience.

2. License Requirement:

- ◆ A. Possession of a valid Minnesota driver's license or privilege by the date of appointment and thereafter.
- ◆ B. Possession of a valid Minnesota Master Plumber license from the State Board of Health by the date of appointment and thereafter.

3. Knowledge

- ◆ A. Extensive knowledge of Minnesota Building Code and other related codes, ordinances, laws, regulations, and manuals governing plumbing work.
- ◆ B. Extensive knowledge of safe and proper methods of plumbing construction, installation, and repair.
- ◆ C. Knowledge of proper inspection methods and procedures.
- ◆ D. Knowledge of legal procedures involved in the enforcement of plumbing codes and ordinances.
- ◆ E. Knowledge of math for the purpose of measuring and computing construction costs.
- ◆ F. Knowledge of traffic rules and regulations.
- ◆ G. Knowledge of precautionary, safety, and prevention methods involved in plumbing work.
- ◆ H. Knowledge of code requirements and inspection methods in other trade areas.

4. Skill:

- ◆ A. Skill in inspecting plumbing work for adherence to regulations, requirements, ordinances, and procedures.
- ◆ B. Skill in reading and interpreting plumbing plans, specifications, blueprints, diagrams, and technical codes and ordinances.
- ◆ C. Skill in estimating construction costs, including materials and labor, and completion schedules.

5. Ability:

- ◆ A. Ability to establish and maintain effective working relationships with contractors, workers, supervisors, peers, and the general public.

- ◆ B. Ability to read and write report regarding inspections and permits.
- ◆ C. Ability to maintain accurate and complete records.
- ◆ D. Ability to effectively communicate with individuals and groups, both verbally and in writing.
- ◆ E. Ability to transport oneself to, from, and around various work sites.
- ◆ F. Ability to participate in training to update plumbing knowledge and expertise.
- ◆ G. Ability to interpret safety rules and apply them to various hazardous situations.
- ◆ H. Ability to use a computer to maintain Inspection records and write reports.
- ◆ I. Ability to frequently walk and climb and occasionally stoop, kneel, crouch, crawl, and reach overhead in order to conduct inspections inside and outside of buildings.
- ◆ J. Ability to occasionally lift and carry up to 40 pounds such as ladder for conducting overhead inspections.
- ◆ K. Ability to work outside in inclement weather.
- ◆ L. Ability to attend work on a regular basis.
- Essential job functions.
- ◆ Job requirements necessary on the first day of employment

Anlst:	Date:
Union: Basic	Pay: 31
CSB:19980203	Class: 5101
CC: 19980223	Res: 98-0138R